



Alliance Meeting

May 2023

Kevin Josupait, PE

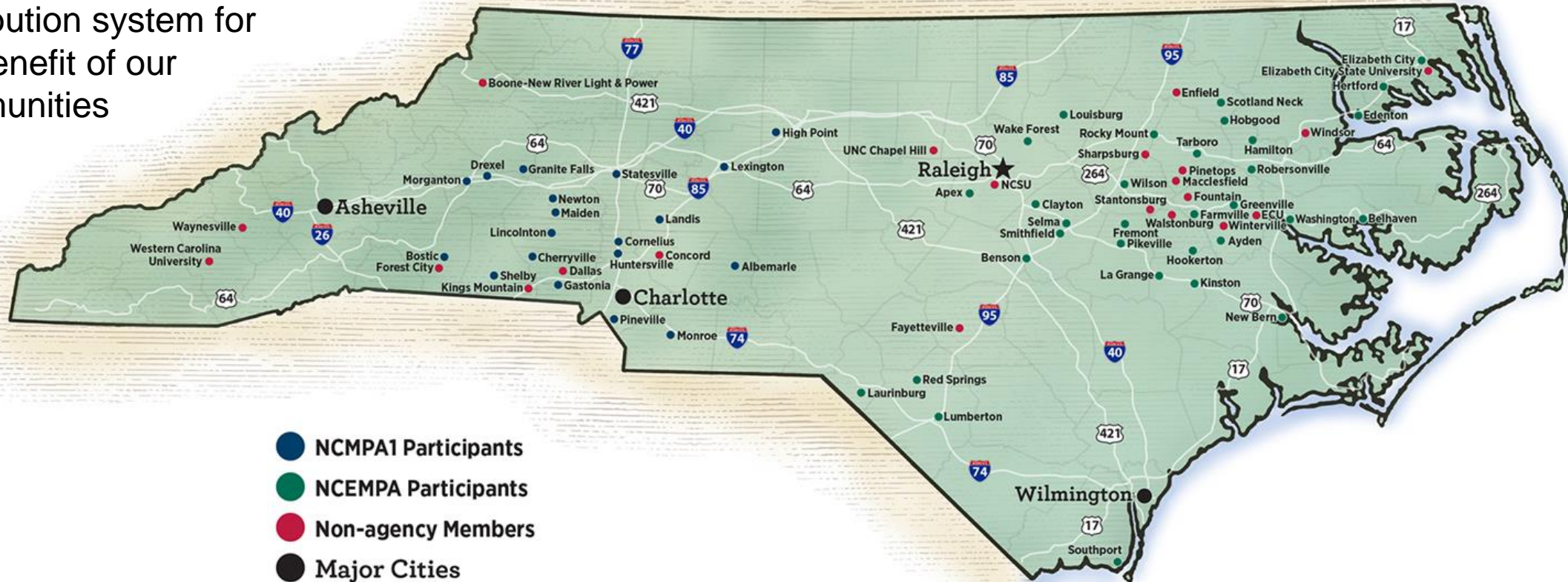
Manager, Projects & Contracts



What is North Carolina Public Power?

We are **70+** municipalities across the state that own and operate an electric distribution system for the benefit of our communities

1.3
MILLION
PEOPLE Public power illuminates the homes and workplaces of nearly 1.3 million people in North Carolina



THE POWER AGENCIES: NCMPA1



67 MW SEPA
(GA-AL-SC)

Peak Demand: 1,000 MW

19

**North Carolina Municipal Power Agency
1 (NCMPA1) = 19 cities and towns in
western North Carolina**

Albemarle	Lexington
Bostic	Lincolnton
Cherryville	Maiden
Cornelius	Monroe
Drexel	Morganton
Gastonia	Newton
Granite Falls	Pineville
High Point	Shelby
Huntersville	Statesville
Landis	

Primary Power Supply – Catawba Nuclear Plant Ownership

THE POWER AGENCIES: NCEMPA



28 MW SEPA
(Kerr-Philpott)

Peak Demand: 1,400 MW

32

North Carolina Eastern Municipal
Power Agency (NCEMPA) = **32 cities
and towns** in eastern North Carolina

Power Supply – Full Requirements Contract w/ DEP

Apex	Laurinburg
Ayden	Louisburg
Belhaven	Lumberton
Benson	New Bern
Clayton	Pikeville
Edenton	Red Springs
Elizabeth City	Rocky Mount
Farmville	Robersonville
Fremont	Scotland Neck
Greenville	Selma
Hamilton	Smithfield
Hertford	Southport
Hobgood	Tarboro
Hookerton	Wake Forest
Kinston	Washington
La Grange	Wilson

CITY OF XXXXXXXX

P.O. BOX XXXX

XXXXXXXX, NC XXXXX

MAKE REMITTANCE PAYABLE TO:

U.S. DEPARTMENT OF ENERGY

SOUTHEASTERN POWER ADMIN

1166 ATHENS TECH ROAD

FM-148

ELBERTON, GA 30635-6711

SEPA Invoice – Feb 2021

DELIVERY POINT	CAPACITY (KW)	CAPACITY CHARGES	ENERGY DELIVERED (KWH)	ENERGY CHARGES	REPLACEMENT DELIVERED (KWH)	REPLACEMENT CHARGES	AMOUNT
City Point # 1	274	\$ 2,138.35	13,154	\$ 234.14	0	\$ -	\$ 2,372.49
City Point # 2	418	\$ 3,262.16	20,067	\$ 357.19	0	\$ -	\$ 3,619.35
City Point # 3	59	\$ 460.45	2,832	\$ 50.41	0	\$ -	\$ 510.86
City Point # 4	374	\$ 2,918.77	17,954	\$ 319.58	0	\$ -	\$ 3,238.35
City Point # 5	79	\$ 616.53	3,792	\$ 67.50	0	\$ -	\$ 684.03
TOTALS	1,204	\$ 9,396.26	57,799	\$ 1,028.82	0	\$ -	\$ 10,425.08
Tandem Trans. Rate:	\$ 1.86 / KW						
Demand Rate:	\$ 4.40 / KW						
Transmission Rate:	\$ 1.5442 / KW						
Total Capacity Rate:	\$ 7.8042 / KW						
Energy Rate/KWH:	\$ 0.0178						
Replacement Rate/KW	\$ -						
Average Energy Cost:	\$ 0.180 / KWH						
						AMOUNT DUE THIS BILL:	\$ 10,425.08

City of XXX XXXX perspective: NCEMPA vs. SEPA

February 2021			
	NCEMPA	SEPA	
Demand Rate (\$/kW)	23.35	4.40	(February 2021)
Transmission (\$/kW)	-	3.4042	(varies monthly)
Energy Rate (\$/kWh)	0.02319	0.0178	(February 2021)
Monthly Capacity (kW)	1,204	1,204	
Annual Energy (kWh)	916,747	916,747	(Jul 2020 - Jun 2021)
12 month Cost	\$358,602	\$135,329	(Jul 2020 - Jun 2021)

SEPA saves this city
\$223,273 per year!!

Total Power Supply
Costs (Annual) - \$35M

Benefits of Hydropower for Power Supply

- Clean
- Renewable
- Low Cost
- Flexible Resource



The energy behind public power

www.electricities.com

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[NC Public Power Channel](https://www.youtube.com/channel/UC...)

